

TABLE 5

Effects of plant extracts against HIV-1 strains HTLVIIIB and GH3 in M8166 cells infected at a multiplicity of infection of 0.00375. Drug treatment was started after 2 hrs of virus adsorption.

| 5  | Plant extract# | Strain HTLVIIIB |        |      | Strain GH3 |       |      |
|----|----------------|-----------------|--------|------|------------|-------|------|
|    |                | EC50            | CC50   | AI   | EC50       | CC50  | AI   |
|    |                | (mg/ml)         |        |      | (mg/ml)    |       |      |
|    | GHX-2L         | 0.07            | 1.00   | 14.3 | 0.06       | 1.00  | 16.7 |
|    | GHX-6L         | 0.03            | 0.99   | 33.0 | 0.045      | 0.99  | 22.2 |
| 10 | GHX-7L         | 0.93            | >1.40* | >1.5 | 0.20       | >1.40 | >7.0 |

\* Highest concentration tested.

00978593-101801

TABLE 6

Effects of aqueous extracts of plants against HIV-2 strain GH1 in Molt 4 clone 8 cell line. Multiplicity of infection was 0.018 and treatment was started after 40 mins of virus adsorption.

| 5  | Plant extract | EC50 (mg/ml) | EC90 (mg/ml) |
|----|---------------|--------------|--------------|
| 10 | GHX-2L        | 0.075        | 0.21         |
|    | GHX-2R        | 0.065        | 0.15         |
|    | GHX-6L        | <0.005*      | 0.17         |
|    | GHX-7L        | 0.110        | 0.40         |
|    | GHX-27L       | <0.005*      | 0.02         |
|    | AZT           | <0.0000003*  | 0.0003       |

\* Lowest concentration tested

1000101-26582660

TABLE 7

Effects of plant extracts against HIV-2 strain GH1 in Molt 4 clone 8 cells. Multiplicity of infection used was 0.018 and treatment was started 2 hrs after virus adsorption.

| 5  | Plant extracts# | EC50 (mg/ml) | EC90 (mg/ml) |
|----|-----------------|--------------|--------------|
|    | GHX-2L          | 0.13         | 0.32         |
|    | GHX-2R          | 0.08         | 0.27         |
|    | GHX-6L          | 0.025        | 0.40         |
|    | GHX-7L          | 0.12         | 1.25         |
| 10 | AZT             | 0.000001     | NE           |

09978593-101860